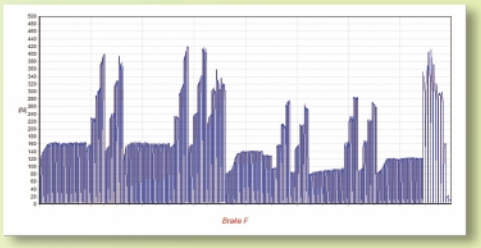
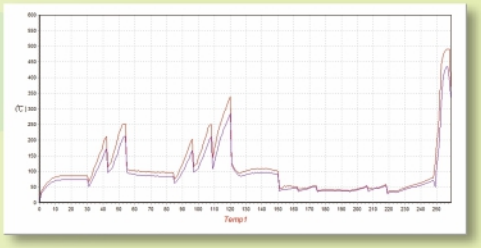
HT-1438 Series

Inertia dynamometer friction behavior assessment for brake system

Machine applies the simulation of Inertia dynamometer function to measure the friction of the brake disc's performance.
Using the large servo motor and clutch to increase or less the loading of Inertia to simulate the Inertia dynamometer.
System also measures the rotating torque and concerns the conditions such as real road situations, spray system, wind system and temperature measurement.





HT-1438		I15	I50
Rotating torque (N-m)		200	500
Testing speed (km/h)		Max : 60	Max : 100
Accuracy of control speed (%)		±5	±5
Active servo motor + clutch system		15 kW	20 kW
Dynamometer inertia (kg*m²)		2 - 15	10 - 50
Alternative way for dynamometer inertia (1kg*m²* 13 sets)		Manual adjustment	Manual adjustment
Grips		Brake disc one set	Brake disc one set
		Module grips for alternative grips for optional designs base on the customers' specimen	
Testing space WxHxD (mm)		600 x 600 x 600	
Spray system (ml/sec)		>4	
Infrared temperature measurement		Max : 950 °C	
Wind system m/sec		4 ~ 17	
Hand bar force	Electro-servo motor drive (N)	500	2000
	Force transducer (N)	500	2000
	Stroke (mm)	50	50
Control and data acquisition system	Computer	PC one set	
	Controller	HUNG TA interface system	
	Software	Brake disk software, one set, testing functions as attachments	
Dimension (LxHxW)	Machine (mm) about	2760 x 1770 x 1280	
	Weight (kg) about	2000 kg	2500 kg
Safety protection		Overload protection, Electricity leakage, Emergency button…etc.	
Standard accessory		Tool kit, operation manual, calibration report, Warranty certificate.	
Power		3ø / 220V / 60Hz or 3ø / 380-415V / 50Hz	

Specification if change, not inform individually.

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